

ABSTRACT

There are provided a cured porous calcium phosphate material, an alternative living body tissue material, a tissue engineering scaffold and a drug support medium for DDS using the same. The cured material includes penetration pores with a diameter of 70  $\mu\text{m}$  or more, preferably 100  $\mu\text{m}$  or more, disposed in a three-dimensional network structure, and having enough porosity for the penetration of blood vessels and tissues. Drugs important for promoting bone formation and preventing infection can be added thereto, whereby the drugs are controllably released.